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C-A OPERATIONS PROCEDURES MANUAL

8.10.2 Inspection Of Radiological Barrier Fencing Located At the Collider

Text Pages 2 through 3

Attachments

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: _____ Signature On File _____
Collider-Accelerator Department Chairman Date

A. Etkin

8.10.2 Inspection of Radiological Barrier Fencing Located at the Collider

1. Purpose

- 1.1. Specifies the procedure to be employed by the RHIC Ring Liaison Engineer for the periodic inspection of radiological barrier fencing located at the Collider.

2. Responsibilities

- 2.1. The RHIC Ring Liaison Engineer for the Collider ring shall conduct the inspection.
- 2.2. The RHIC Ring Liaison Physicist for the Collider ring shall assist in the inspection.

3. Prerequisites

- 3.1. None.

4. Precautions

- 4.1. Many parts of the grassy areas that cover the ring can be infested with ticks and appropriate precautions shall be taken. Consult with the ESH Coordinator if you are not familiar with precautions.

5. Procedure

- 5.1. All radiological barrier fencing associated with the Collider ring shall be inspected twice a year. One inspection shall be approximately one month before the start of the main running period. The second shall be approximately in the middle of the running period.
- 5.2. The fencing shall be inspected for missing or damaged components.
- 5.3. All postings shall be inspected for currency [see [C-A-OPM-ATT 8.10.2.b](#)].
- 5.4. Particular attention shall be paid to the fencing being undercut by erosion.
- 5.5. Results of inspection to be recorded on [C-A-OPM-ATT 8.10.2.a](#).
- 5.6. The Liaison Engineer shall file completed attachments and they shall be readily available for audit.

6. Documentation

6.1. Completed Checklist.

7. References

7.1 None.

8. Attachments

8.1 [C-A OPM ATT 8.10.2.a “Collider Fence Inspection Checklist”](#).

8.2 [C-A OPM ATT 8.10.2.b “Collider Fence Posting List”](#).